1	WE CLAIM:		
2	1.	A method for developing traffic messages comprising:	
3	obtair	ning data indicating traffic speed at a plurality of locations on a road	
4	network, each of said locations assigned a unique location reference code;		
5	evalua	ating the data indicating traffic speed for said location reference codes	
6	assigned to locations along a road of said road network; and		
7	grouping location reference codes along said road having related traffic speeds		
8	into at least one congestion event along said road.		
9			
10	2.	The method of Claim 1 wherein said locations assigned said location	
11	reference codes grouped into said congestion event are contiguous along said road.		
12			
13	3.	The method of Claim 1 wherein each of said locations grouped into said	
14	congestion ev	vent are located within a predetermined distance of another of said locations	
15	within said c	ongestion event.	
16		•	
17	4.	The method of Claim 1 wherein said congestion event comprises a	
18	beginning location reference code at which said related traffic speed begins along said		
19	road and a number of following location reference codes having said related traffic		
20	speeds.		
21			
22	5.	The method of Claim 1 wherein said congestion event comprises a	
23	direction.		
24			
25	6.	The method of Claim 1 wherein said congestion event comprises a	
26	beginning location reference code at which said related traffic speed begins along said		
27	road and a end location reference code at which said related traffic speed ends on said		
28	road.		

1	7.	The method of Claim 1 wherein said congestion event comprises a	
2	congestion speed value representative of the related traffic speeds of the grouped location		
3	reference codes.		
4			
5	8.	The method of Claim 1 wherein said congestion event comprises an	
6	average spee	ed of the grouped location reference codes.	
7			
8	9.	The method of Claim 1 wherein said congestion event comprises a	
9	congestion event code representing a level of congestion corresponding to said related		
10	traffic speed.		
11			
12	10.	The method of Claim 1 further comprising obtaining data indicating an	
13	expected duration of said traffic speed at said plurality of locations.		
14			
15	11.	The method of Claim 10 wherein said congestion event comprises a	
16	duration indicating when said related traffic speed is expected to change.		
17			
18	12.	The method of Claim 1 further comprising transmitting said congestion	
19	event as a traffic message.		
20			
21	13.	The method of Claim 12 further comprising:	
22	prior to transmitting said congestion events, determining a road distance		
23	associated with each of said congestion events, said road distance for each congestion		
24	event being a distance from a beginning location reference code at which said related		
25	traffic speed begins along said road to a end location reference code at which said related		
26	traffic speed ends on said road; and		
27	said congestion events having longer road distances being transmitted before said		
28	congestion events having shorter road distances.		
29			
30			
31			

1	14. A method for developing traffic messages comprising:		
2	using a plurality of location reference codes assigned to a plurality of locations		
3	along a road;		
4	obtaining data indicating traffic speed at said locations represented by said		
5	location reference codes;		
6	aggregating said location reference codes having traffic speeds within a		
7	predetermined range of traffic speeds, wherein said aggregated location reference codes		
8	representing contiguous locations along said road; and		
9	creating a traffic message from said aggregated location reference codes.		
10			
11	15. The method of Claim 14 wherein said congestion event comprises a		
12	beginning location reference code at which said traffic speeds within said predetermined		
13	range begins along said road and a number of following location reference codes having		
14	said traffic speeds within said predetermined range.		
15			
16	16. The method of Claim 14 wherein said congestion event comprises a		
17	beginning location reference code at which said traffic speeds within said predetermined		
18	range begins along said road and a end location reference code at which said traffic speed		
19	within said predetermined range ends on said road.		
20			
21	17. The method of Claim 14 wherein said congestion event comprises a		
22	congestion speed value representative of said speeds of the aggregated location reference		
23	codes.		
24			
25	18. The method of Claim 14 wherein said congestion event comprises a		
26	congestion event code representing a congestion level corresponding to said		
27	predetermined range of traffic speeds.		
28			

1	19. A method for developing traffic messages comprising:		
2	obtaining data indicating traffic speed at a first location, at a second location, and		
3	at a third location, said first, second and third locations are located along a road;		
4	comparing the traffic speed of said first location to the traffic speed of said second		
5	location;		
6	if a difference between said the traffic speed of said first location and the traffic		
7	speed of said second location is within a threshold value,		
8	grouping the first location and the second location into a congestion event		
9	comparing an average traffic speed of said first location and said second		
10	location to the traffic speed of said third location:		
11	if a difference between said average traffic speed and the traffic speed of said		
12	third location is within said threshold value, and		
13	grouping said third location into said congestion event.		
14			
15	The method of Claim 19 therein said congestion event comprises a		
16	congestion speed value representative of said speeds of said grouped locations.		
17			
18	21. The method of Claim 19 wherein said congestion event comprises a		
19	congestion event code.		
20			
21	22. The method of Claim 19 further comprising obtaining data indicating		
22	durations of said traffic speed at said first location, said second location and said third		
23	location; and said congestion event comprises a congestion duration indicating when said		
24	traffic speed of one of said grouped locations is expected to change.		
25			
26			

1	23. A method of developing traffic messages comprising:		
2	obtaining data indicating traffic flow at a plurality of locations on a road network		
3	and		
4	aggregating said locations along the road network having related traffic flow into		
5	at least one congestion event along said road, wherein said aggregated locations are		
6	adjacent on said road network and said aggregated locations have corresponding traffic		
7	flow within a predetermined threshold.		
8	$\cdot$		